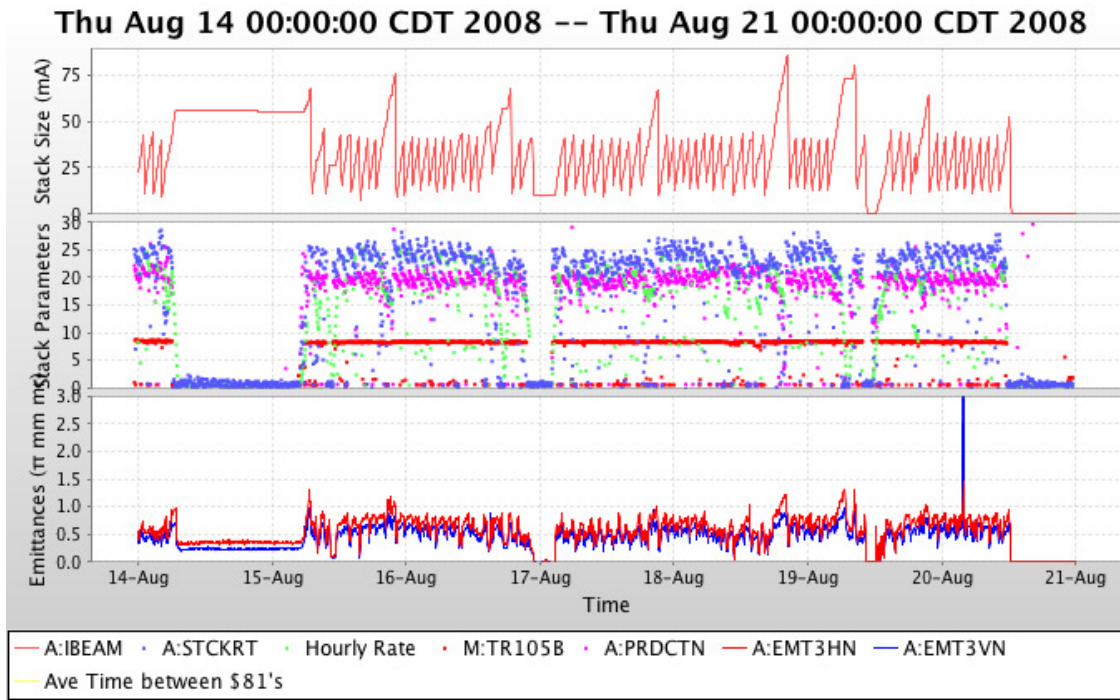


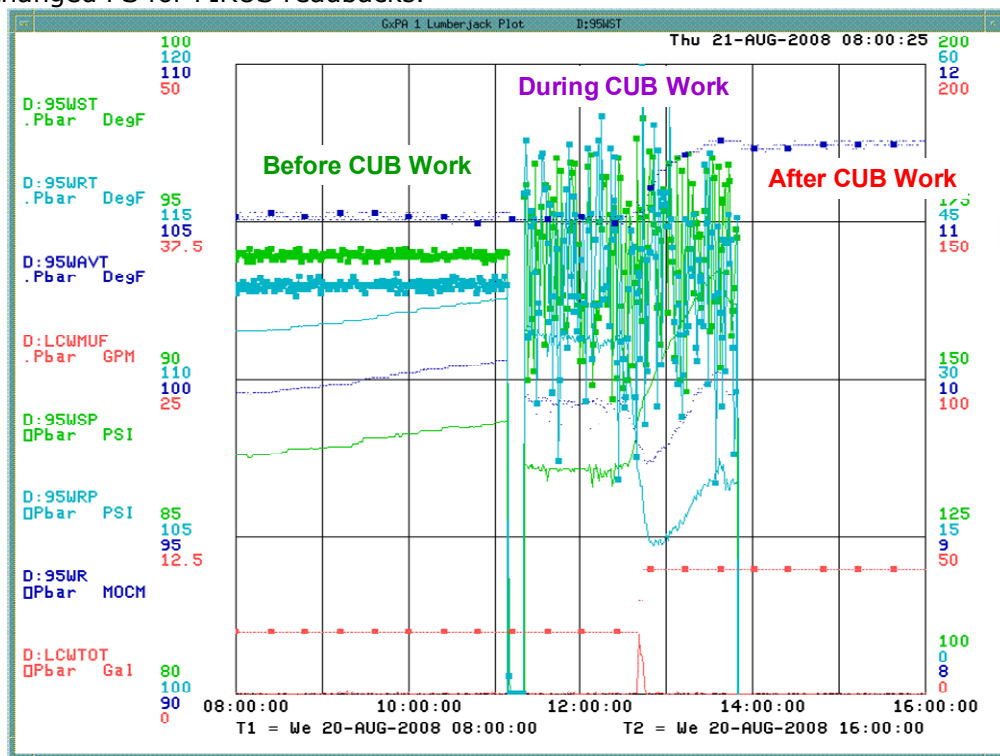
## 2008-08-21 Pbar Department Meeting

Thursday, August 21, 2008  
10:01 AM



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- 120 GeV Beam
  - QF12 mystery - C204 trips on low current, but plot of ramp looks ok.
  - LM108 loss trips, got some orbits.
    - HV102 - P143 pointed here as a suspect. Can't catch it misbehaving.
- Target station
  - Target just moved - yield better.
  - Lens transformer water leak
    - Replaced
    - Lens transformer - one with stripline replaced.
  - Lens trip last night.
    - Flashing over when turning on.
    - Safety chassis - berndy connector was burnt.
    - Put new connector on,
    - Found that this one was hooked up wrong...
  - 10mm-3 back up to nominal operating voltage.
  - Next spare is brand new 10mm-5. -- brand new module 3 is getting close, hope to put 10mm-5 on module 3. Have to have access to elevator table, so do when mi is down.
- AP2 looking at quad orbits - see if LQBs would improve things.
  - Vander's tune quads made great improvements.
  - Eliminate if badly steered through quads....then we would attack orbit, etc...
- Debuncher injection region
  - When took collimator out, junk isn't trimmed as much. Losses up.
- DRF1 - doing good for a few weeks.
  - Asked for 16 tubes....
- Cooling -
  - Microwave att in series with optical att

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- <http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=366>  
&load=
- Notch change did not work as advertised.
- A:IKIK
  - Path 1
    - Not brave enough to turn up voltage on module 1.
    - Obie wants to go from 25Kv to 30Kv....maybe do a couple KV and wait a few days, etc..
    - Shouldn't give up on conditioning existing tank.
  - Path 2
    - Pulled out spare tank from tunnel.
    - Will modify tank to hold module to vacuum certify and test.
    - May install this tank DS of existing A:IKIK and not take out the bad module 1.
- Accumulator Cooling
  - "Stacktail is still the bottleneck"
- ARF4
  - VME replaced...
- FESS changed PS for FIRUS readbacks.



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- One week shutdown in October,
  - Lab negotiating with COMED.
- Japanese visitors coming this week.